

Alliance Organizations

[The Open Group](#) (TOG) and the [Distributed Management Task Force](#) (DMTF)

Background

The Open Group has been working and collaborating on Enterprise Management (e.g. CIM/WBEM) with the DMTF for several years. The aim of this document is to define the liaison relationship between the DMTF and The Open Group. In particular, it covers the relationship between specific DMTF committees and work groups and The Open Group's Forums and work groups.

Alliance History

Enterprise Management

The Open Group has a long history of technical standards development in the field of Enterprise Management. In approximately 2000 The Open Group's (Enterprise) Management Forum started work on a Management Services Broker, and adopted CIM/WBEM as the foundation for the project.

This initiative evolved into the OpenPegasus project to develop and distribute an open source implementation of CIM/WBEM. OpenPegasus is now widely used, being distributed by several major platform vendors as part of their products, and is also used by many other companies in developing their own management capabilities.

Identity Management

The Open Group's Identity Management Forum was formed from a joint activity of its Directory Interoperability, Messaging, and Security Forums, and formerly included its Mobile Management Forum (now closed). The DMTF, The Open Group, and the Network Applications Consortium (NAC) were partners in the Mobile and Directory Challenge which resulted in publication by The Open Group of the Mobile and Directory Architecture Technical Study in April 2004.

The same three organizations also jointly worked on the problem of common core identifiers. A standard in this area could provide a definition of identity representations in parts of the Common Information Model, and would simplify identity management and systems management in large corporations. This work resulted in 2 publications:

- Business Scenario: Identifiers in the Enterprise - The Open Group, publication K061, Dec 2006
<https://www2.opengroup.org/ogsys/jsp/publications/PublicationDetails.jsp?publicationid=12094>
- Guide: Core Identifier Framework Matrix - The Open Group, publication G071, Apr 2007
<https://www2.opengroup.org/ogsys/jsp/publications/PublicationDetails.jsp?publicationid=12101>

Alliance Partner Mission (Current)

Enterprise Management

The Open Group co-sponsors the Application Working Group with the DMTF, and has other active projects, notably ARM (Application Response Measurement), in the area of Application Management.

Cloud Auditing

The Open Group published its Distributed Audit Services (XDAS) standard (P441) in Jan 1997:

- <https://www2.opengroup.org/ogsys/jsp/publications/PublicationDetails.jsp?publicationid=11616>.

In May 2008 Security Forum members accepted that XDAS needed updating to meet today's much more stringent requirements for logging and auditing of events compared to what existed when XDAS was published, including the impact of today's regulatory and compliance requirements. Today's audit industry needs a common standard for event data, audit data and logs. Significant benefits include reduced log management costs, and improved coordination between products and data exchanges between organizations. Accordingly the Security Forum initiated its DASv2 development project, which embraces audit in Cloud Computing.

Accordingly, the TOG mission, in this area, is to develop an Event/Audit standard that enables events to be consumed in a consistent way, which is interoperable with the work in other current auditing standards groups, and which matches today's' Audit Industry demands.

OVF and SVPC

Our Security Forum has major interest in the DMTF OVF v2.0 standard, as a basis for developing our Advanced Virtual Open System (AVOS) standard, which will span virtualization management for virtual servers, network and storage resources. The OVF xml data type definition is widely adopted by virtual management systems. The OVF XML is capable of defining virtual resources require to create a virtual server (VS) and the software manifest to provision the VS. The goal of our AVOS standard development is to define APIs for specialized virtual management functions that would typically run within a Privileged Virtual Machine (PVM) to provide ease of management and configuration to support advanced virtual management applications. We request DMTF guidance on whether we should participate in the OVF WG or the SVPC WG, or both, to pursue our goal.

Alliance Benefits

Promote DMTF and Open Group standards to member companies.

Enable Open Group participation at the DMTF Conferences and in various working groups

Enable DMTF participation at the Open Group conferences and in various Open Group technical work groups.

Align DASv2 data format to CIM definitions being developed by the DMTF CADF WG, which would permit profiles to be developed for mapping between the two formats.

Benefit to The Open Group is leveraging existing CIM objects in its DASv2 standard. Standards Development

Benefit to the DMTF CADF working group are exploitation of its CIM objects in DASv2, this development work resulting in a richer set of CIM objects and acknowledgement of DMTF CIM in DASv2.

Benefit to the OVF and/or SVPC WG is feedback from The Open Group to inform development work relevant to OVF/SVPC specifications.

Standards Development

Cloud Auditing and DASv2

The Open Group (TOG) is developing the DAS v2 standard as part of the Update-XDAS Project. The DMTF CADF Working Group will seek to assure that the XDAS standard's data model is consumable by the data model being developed by the CADF as described in their charter.

OVF/SVPC and AVOS

The Open Group (TOG) is developing its Advanced Virtual Open System (AVOS) standard, which will span virtualization management for virtual servers, so has major interest in the DMTF OVF v2.0 standard and any related Virtualization Management work - in the SVPC WG?

| | |
|-------------------------------|---|
| Standard | Distributed Audit Services (XDAS) Update Project https://www.opengroup.org/projects/security/xdas/ |
| 1. Alliance Partner ID | O-DASv2 AVOS |

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|---|--|
| 2. Description | <p>The goal of the DASv2 project is to update the XDAS (Distributed Audit Services) Preliminary Specification published by the Security Forum in 1998, and extend it to add security audit logging and other audit and event related enhancements, and publish it as the new XDASv2 Technical Standard. The work of this TOG project is reflected in their current design document “The Open Group Distributed Audit Standard version 2 (O-DASv2)”, April 2011.</p> <p>https://www.opengroup.org/projects/security/xdas/protected/doc.tpl?gdid=23976</p> <p>The goal of the AVOS standard is to define APIs for specialized virtual management functions that would typically run within a Privileged Virtual Machine (PVM) to provide ease of management and configuration to support advanced virtual management applications.</p> |
| 3. Management Domain | <p>TOG is the Management Domain for both the XDAS standard and the AVOS standard. TOG would however seek joint approval with the DMTF for any content that is developed in the CADF WG that is incorporated in the XDAS, and likewise for the AVOS standard.</p> |
| 4. Lead Org | <p>TOG Security Forum for development of both XDASv2 and AVOS.</p> |
| 5. Governing IP Policy for TOG standards | <p>TOG policy on Intellectual Property is that during development of a standard, the contributing member organization owns the IPR over its contributions and other members are constrained under their membership agreement from exploiting such contributions</p> <p>Standards Adoption Criteria (including IP) are part of TOG's Standards Process - see http://www.opengroup.org/standardsprocess/standards-adoption-criteria.html</p> |
| 6. Copyright holder | <p>TOG - all standards published by The Open Group are copyright of The Open Group.</p> |
| 7. Developing Org | <p>TOG, under its respective Charters for its Distributed Audit Services (DASv2) and Advanced Virtual Open System (AVOS) projects.</p> |
| Maintaining Org | <p>TOG</p> |

Milestones / Dates

Cloud Auditing

Ongoing Activities:

A representative of The Open Group (TOG) will participate in DMTF CADF WG meetings to help provide input that help align the two standards activities.

DASv2 Project Status Report (quarterly) - include TOG-DMTF alliance updates in the area of audit standards activities to inform Open Group members and associated liaison partners on project progress before each quarterly Open Group Conference.

- Teleconference and email discussions involving The Open Group and the DMTF CADF working group on defining data and interface model requirements for use in Audit standards.

Other Activities To Be Determined (TBD) as the CADF work progresses (see Work Register Review Date below).

Work Product Review and Contributions:

- The TOG and the DMTF will both seek each others' participation in providing peer review of work products developed within the DASv2 Project and the CADF WG prior to their public release.
- DMTF comments can be contributed to the TOG via their representatives to the CADF, to their Program Director or directly by attending the next available DASv2 Project meeting.
- TOG comments will be submitted to the DMTF feedback portal.
- DMTF policies with respect to patents and other IP submitted to the DMTF are stated in the [Process for Technology Submissions, Review, and Acceptance](#) (i.e. DSP 4011).

Open Virtualization Format

- TOG and the DMTF will both seek each others' participation in providing peer review of work products developed within the AVOS Project and the respective OVF/SVPC WGs prior to their public release.
- DMTF comments can be contributed to the TOG via their representatives to the respective OVF/SVPC WGs, or to their Program Director, or directly by attending the next available DASv2 Project meeting.
- TOG comments will be submitted to the DMTF feedback portal.

DMTF policies with respect to patents and other IP submitted to the DMTF are stated in the [Process for Technology Submissions, Review, and Acceptance](#) (i.e. DSP 4011).

Resources Identified / Points of Contact

Within The Open Group (TOG):

| Name | Role | Contact Information |
|-----------------|--|--|
| Martin Kirk | Program Director, Enterprise Management Forum | m.kirk@opengroup.org |
| Karl Schopmeyer | OpenPegasus Project Technical Manager | k.schopmeyer@opengroup.org |
| Ian Dobson | Program Director, Security Forum, which now includes the activities of the Identity Management Forum | i.dobson@opengroup.org |

Within Distributed Management Task Force (DMTF):

DMTF / TOG Alliance Contacts (tog-alliance@dmtof.org)

| Name | Role | Contact Information |
|---|--|--|
| Hemal Shah | DMTF VP of Technology | vp-technology@dmtof.org |
| Karl Schopmeyer (Historical, for Identity Mgmt.) | DMTF Applications WG Chair | wg-apps-chair@dmtof.org |
| Vince Kowalski (Historical, for Enterprise Mgmt.) | DMTF Infrastructure SC Chair | infrastructure-sc-chair@dmtof.org |
| Mark Carlson | DMTF Cloud Mgmt. SC Chair | cm-sc-chair@dmtof.org |
| Matt Rutkowski, David Corlette | DMTF Cloud Audit, Data Federation WG Chairs | cadf-chair@dmtof.org |
| Larry Lamers | DMTF OVF WG Chair | ovfwg-chair@dmtof.org |

Corresponding Open Group Work Register Document

- None

Work Register Review Date

In accordance with DSP 4003, this document should be reviewed again in less than two years from the actual approval date of the work register. This means that this register should be reviewed before April of 2015.

With regard to the Cloud Auditing work, this work register should be reviewed on or before December 2013 to reflect the progress of work between the between the CADF WG and the DASv2 project at that point in time.

Approved by the DMTF Board of Directors; Board Resolution **2013-04-07**, on **04/22/2013**.